

EV 363911576 US

1/12/05

PATENT 94 1742  
JFR

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Attorney Docket No. 004019.00021)

In the Application of:

Kuehmann et al.

Serial No. 10/071,688

Filed: February 8, 2002

For: Nanocarbide Precipitation Strengthened  
Ultrahigh Strength, Corrosion Resistant,  
Structural Steels and Method of Making  
Said Steels

Examiner: Deborah Yee

Art Unit: 1742

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA, 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. 1.97 and 1.98, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. 1.56. The references are listed on the enclosed and completed PTO Form SB/08A.

**REFERENCES**

**U.S. Patent Documents**

<u>No.</u>	<u>Patent No.</u>	<u>Patentee</u>	<u>Date of Patent</u>
1.	4,836,869	Olson et al.	06-06-1989
2.	5,221,372	Olson et al.	06-22-1993
3.	5,310,431	Buck et al.	05-10-1994

Banner & Witcoff, Ltd.  
Ten South Wacker Drive  
Chicago, Illinois 60606  
(312) 463.5000

Attorney Docket No. 004019.00021

**Foreign Documents**

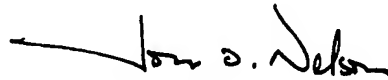
<u>No.</u>	<u>Patent No.</u>	<u>Patentee or Applicant</u>
1.	EP 0770 696 A1	Kawai et al.
2.	JP 0 6 065692	Okano Hiroaki

**Non-Patent Literature Documents**

1. CAMPBELL, *Systems Design of High Performance Stainless Steels. I. Conceptual and Computation Design*, Department of Material Science and Engineering, Northwestern University, pp. 145-170 (2001), Vol. 7, Kluwer Academic Publishers, NETHERLANDS.
2. European Search Report issued October 8, 2004 in EP 02 78 3969.

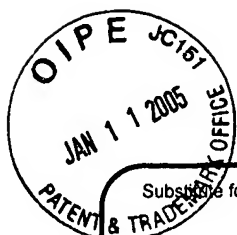
Respectfully submitted,

BANNER & WTICOFF, LTD.



Jon O. Nelson Reg. No. 24,566

January 11, 2005



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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

## Complete if Known

Application Number	10/071,688
Filing Date	February 8, 2002
First Named Inventor	Charles J. Kuehmann
Art Unit	1742
Examiner Name	Deborah Yee
Attorney Docket Number	004019.00021

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US- 4,836,869	06-06-1989	Olson et al.	
	2	US- 5,221,372	06-22-1993	Olson et al.	
	3	US- 5,310,431	05-10-1994	Buck et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	1	EP 0 770 696 A1	05-02-1997	Kawai et al.		
	2	JP 0 6 65692	03-08-1994	Okano Hiroaki		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	CAMPBELL, <i>Systems Design of High Performance Stainless Steels. I. Conceptual and Computational Design</i> , Department of Materials Science and Engineering, Northwestern University, pp. 145-170 (2001), Vol. 7, Kluwer Academic Publishers, NETHERLANDS.	
	2	European Search Report issued October 8, 2004 in EP 02 78 3969.	

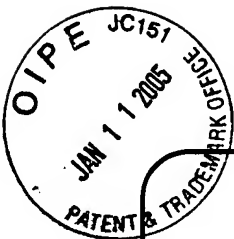
Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/071,688
	Filing Date	February 8, 2002
	First Named Inventor	Kuehmann, et al.
	Art Unit	1742
	Examiner Name	Deborah Yee
Total Number of Pages in This Submission	Attorney Docket Number	004019.00021

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB08a Form Foreign References 1 and 2 Non-Patent Documents 1 and 2 Return Receipt Postcard Certificate of Express Mail
<b>Remarks</b> The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 19-0733. A duplicate copy of this sheet is enclosed.		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Banner & Witcoff, LTD.		
Signature			
Printed Name	Jon O. Nelson		
Date	January 11, 2005	Reg. No.	24,566

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
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Express Mail No: EV 363911576 US

Deposited: January 11, 2005

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By: *Dick Prestop*  
(person *actually* depositing)

Inventor(s): Kuehmann et al.

Serial No. 10/071,688

Filed: February 8, 2002

Title: Nanocarbide Precipitation Strengthened Ultrahigh Strength, Corrosion Resistant, Structural Steels and Method of Making Said Steels

Matter No: 004019.00021

- (X) Transmittal (in duplicate)
- (X) Information Disclosure Statement
- (X) PTO/SB/08a Form
- (X) Foreign Patents (1 and 2)
- (X) Non-Patent Literature Documents (1 and 2)
- (X) Return Receipt Postcard